

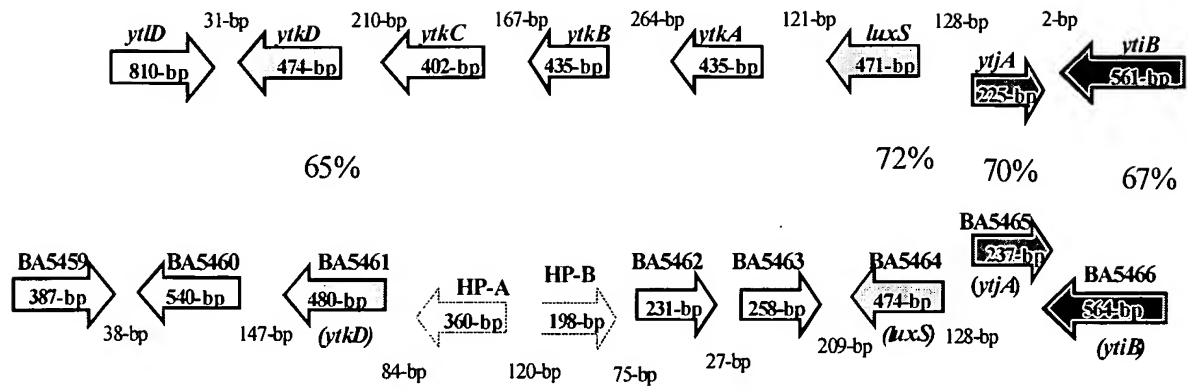
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1   ATGCCATCAG TAGAAAGCTT TGAATTAGAT CATACGATTG TAAAGGCACC
51  TTATGTAAGA CATTGCGGAG TTCACAATGT AGGTAGTGAC GGTATTGTAA
101 ATAAATTCGA TATTCGTTTT TGCCAACCGA ATAAACAAGC AATGAAACCA
151 GATGTTATTC ATACGTTAGA ACATTTATTA GCATTTAATT TACGTAAATA
201 TATTGATCGT TATCCACATT TTGATATTAT CGATATTTCA CCAATGGGCT
251 GCCAAACAGG ATACTACCTT GTAGTAAGCG GAACACCGAC AGTTCGAGAA
301 ATCATTGATT TATTAGAATT AACATTAAAA GATGCGGTTC AAATTACAGA
351 AATTCCAGCT GCAAATGAAA CACAATGTGG TCAAGCGAAG CTTCACGATT
401 TAGAAGGAGC AAAACGCTTA ATGAACTTCT GGTTAAGCCA AGATAAAGAT
451 GAACTTGAGA AAGTATTTGG ATAA
```

FIGURE 1

1	MPSVESFELD HTIVKAPYVR HCGVHNVGSD GIVNKFDIRF	40
41	CQPNKQAMKP DVIHTLEHLL AFNLRKYIDR YPHFDIIDIS	80
81	PMGCQTGYL VVSGTPTVRE IIDLLELTLK DAVQITEIPA	120
121	ANETQCGQAK LHDLEGAKRL MNFWLSQDKD ELEKVFG	157

FIGURE 2

B. subtilis



B. anthracis

FIGURE 3

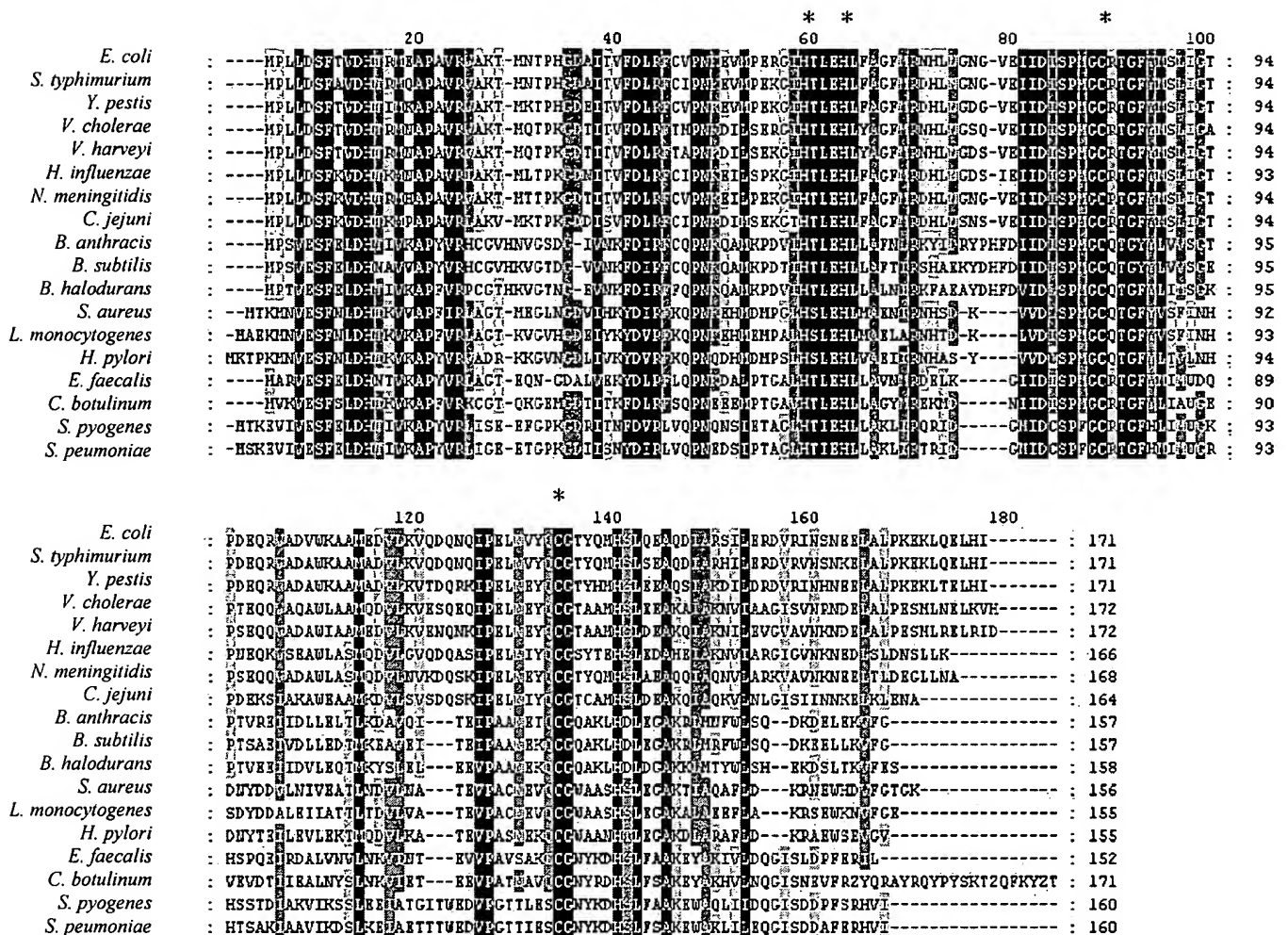


FIGURE 4

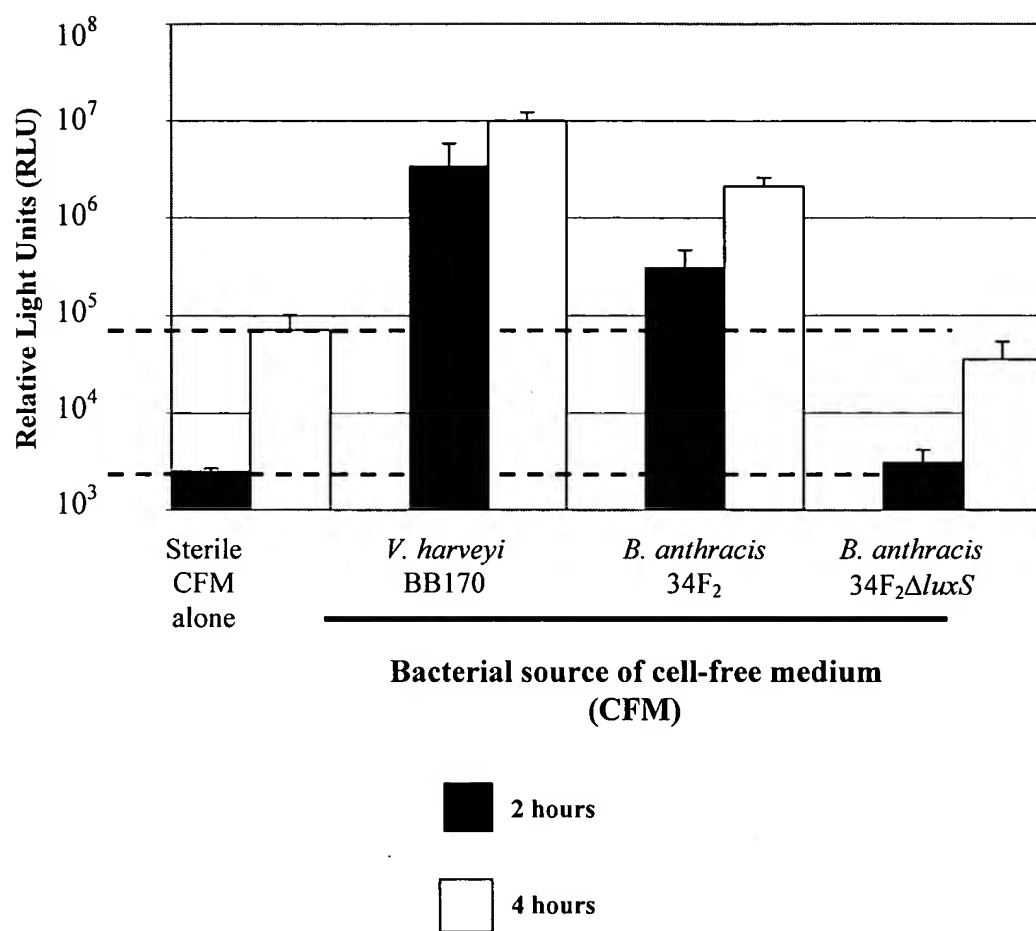


FIGURE 5

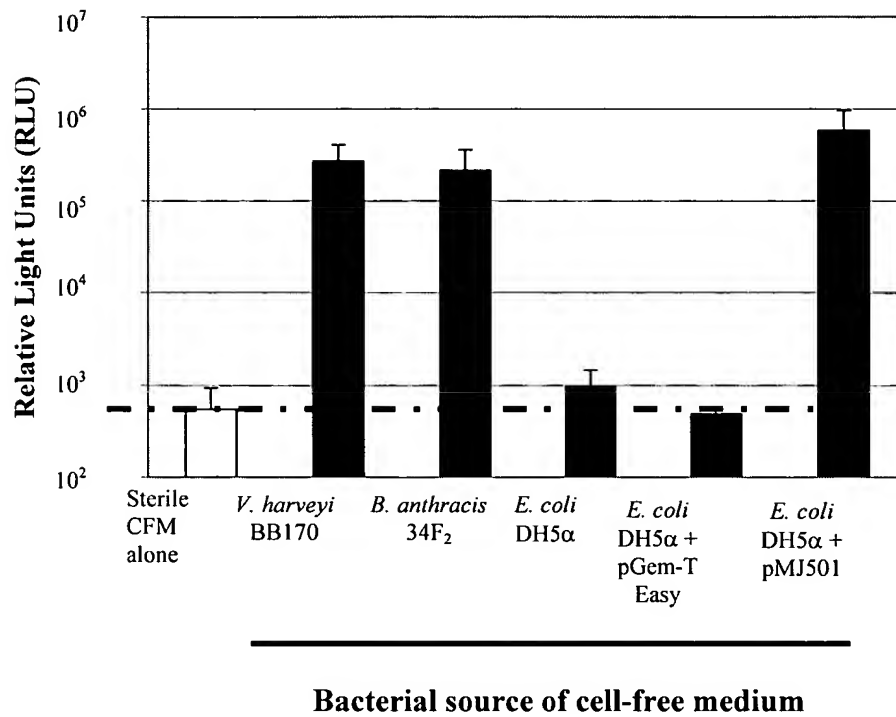


FIGURE 6

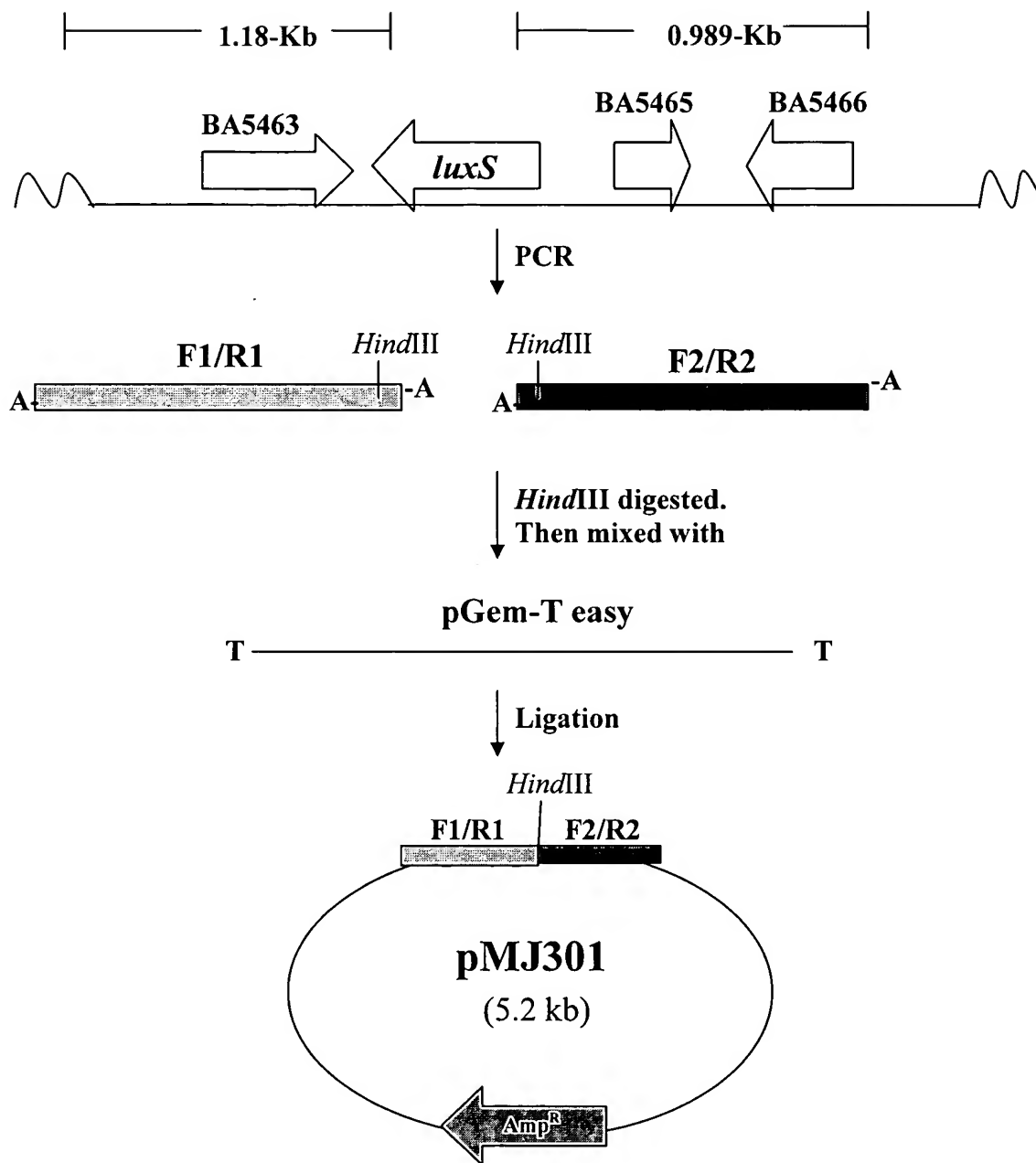


FIGURE 7A

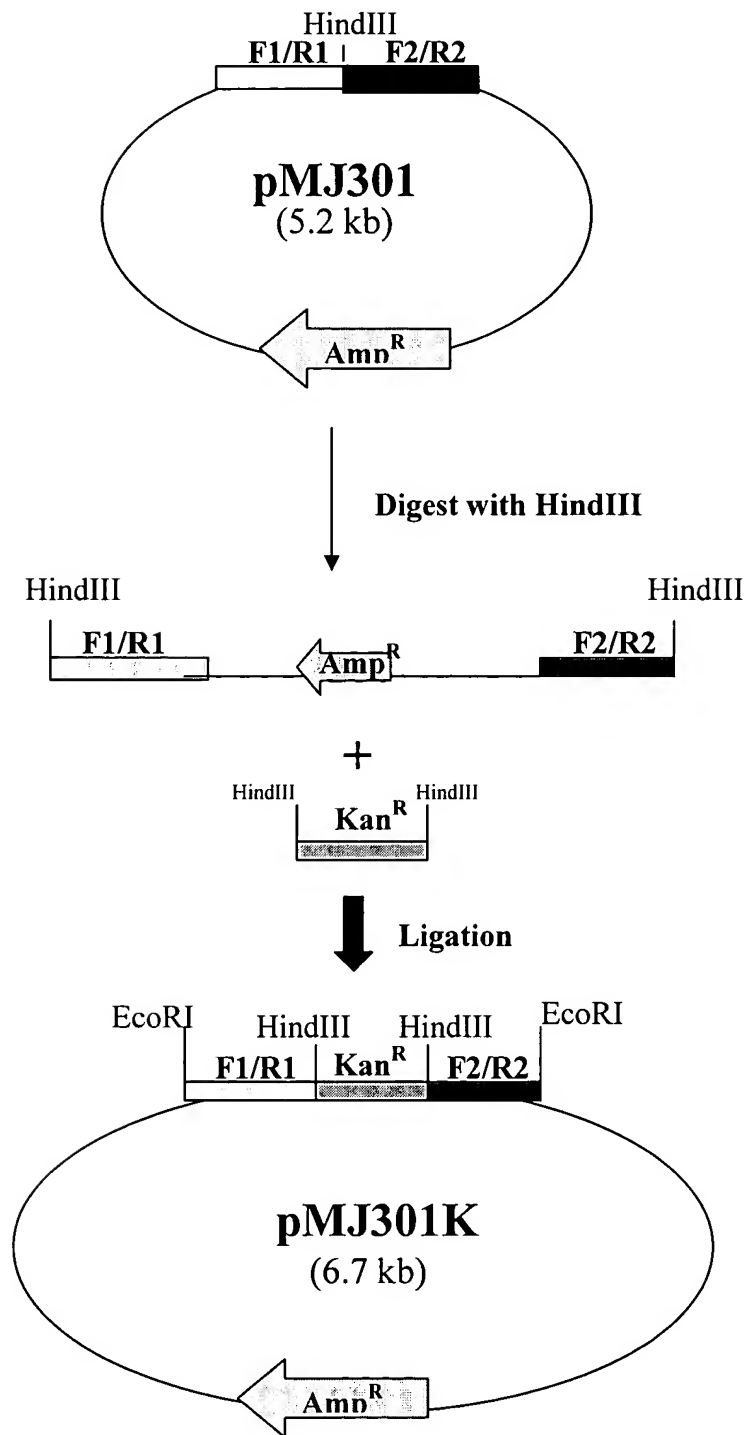


FIGURE 7B

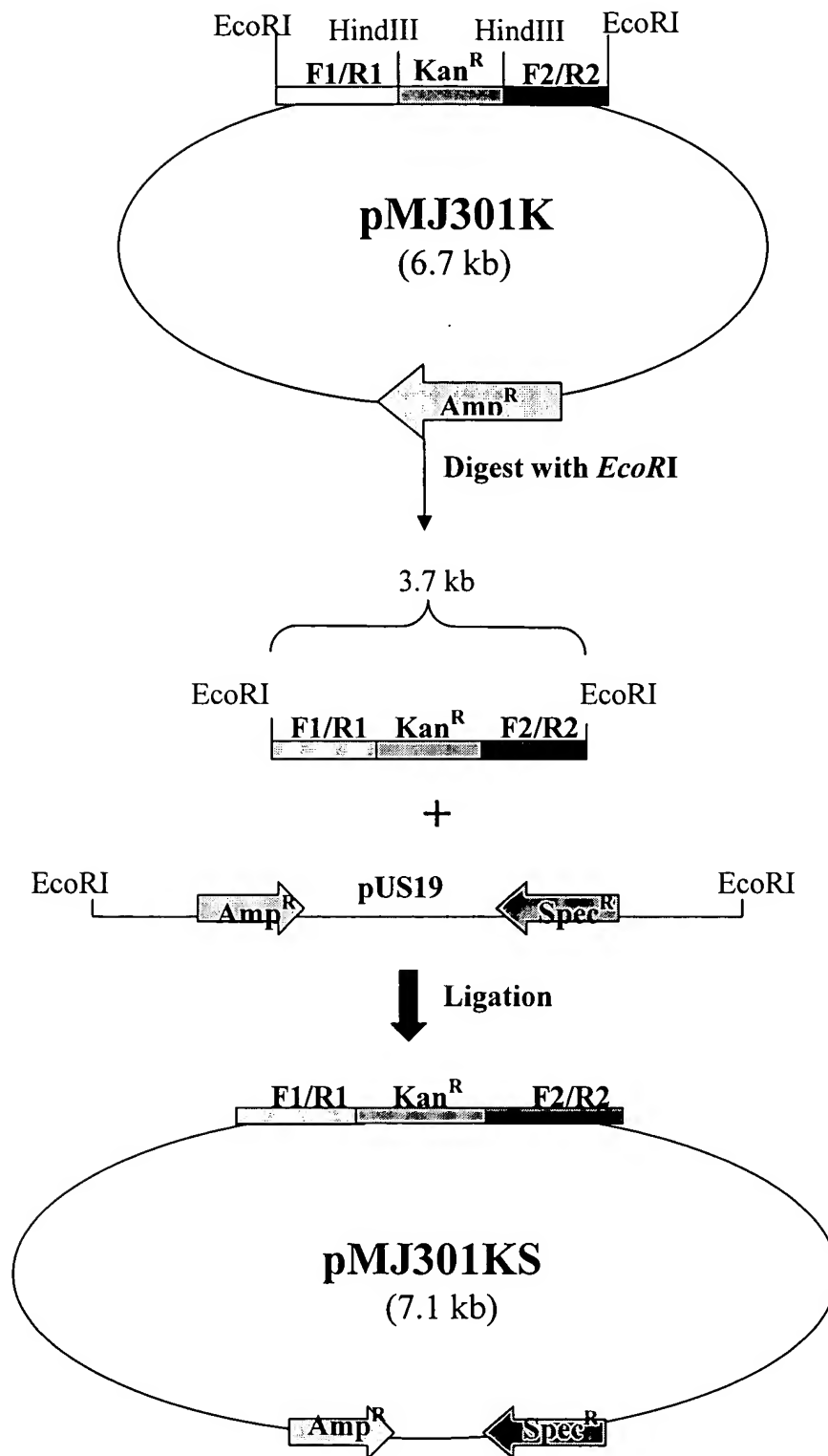


FIGURE 7C

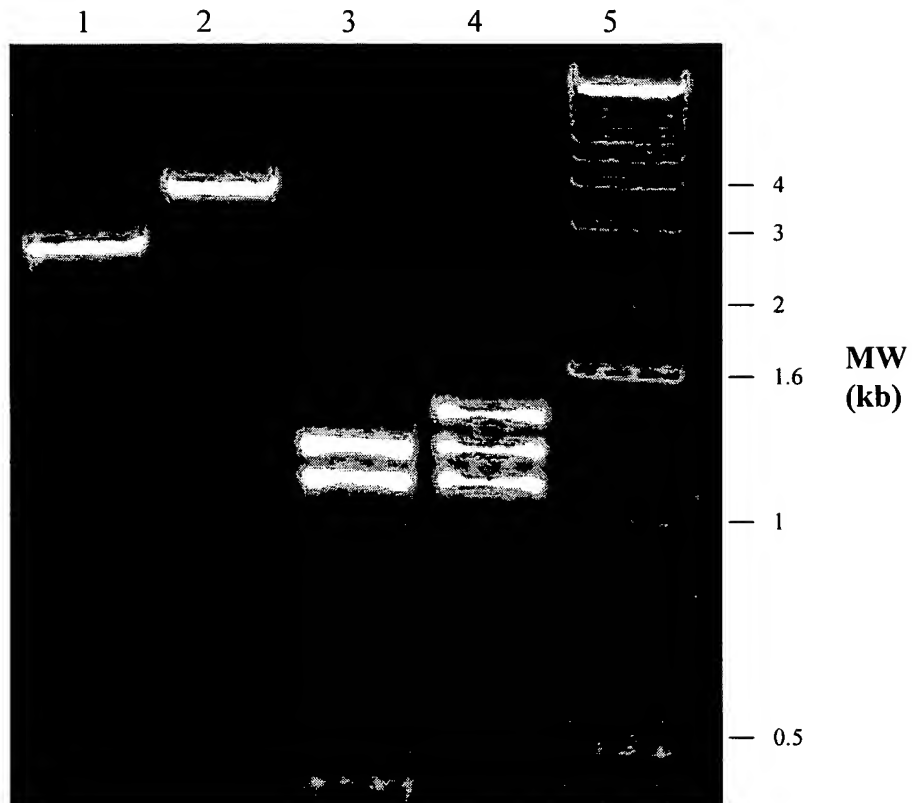


FIGURE 8

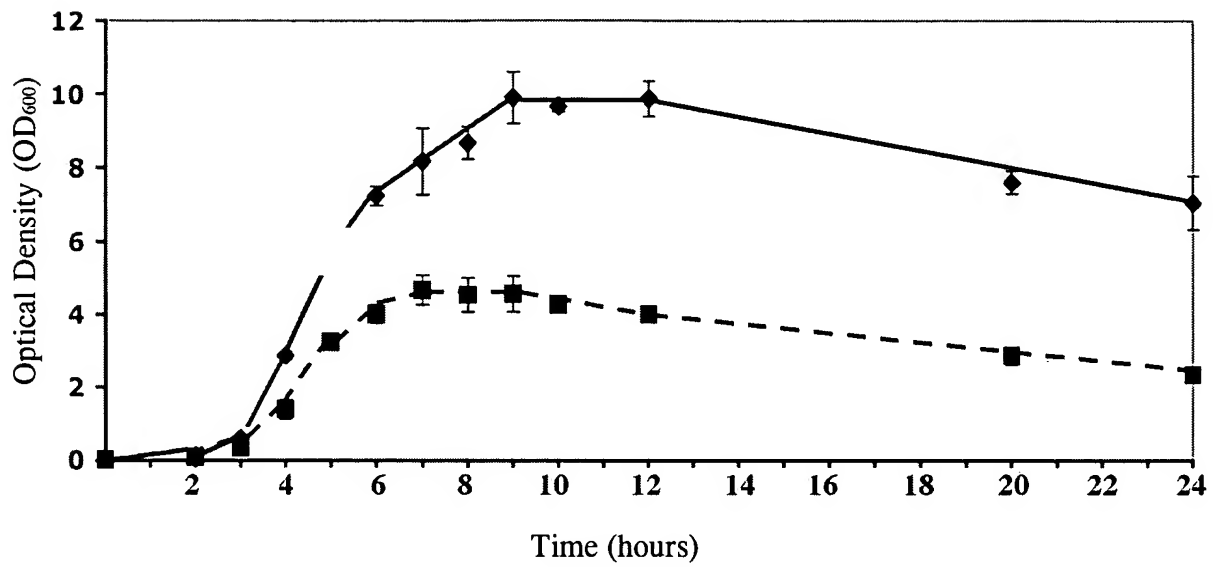


FIGURE 9

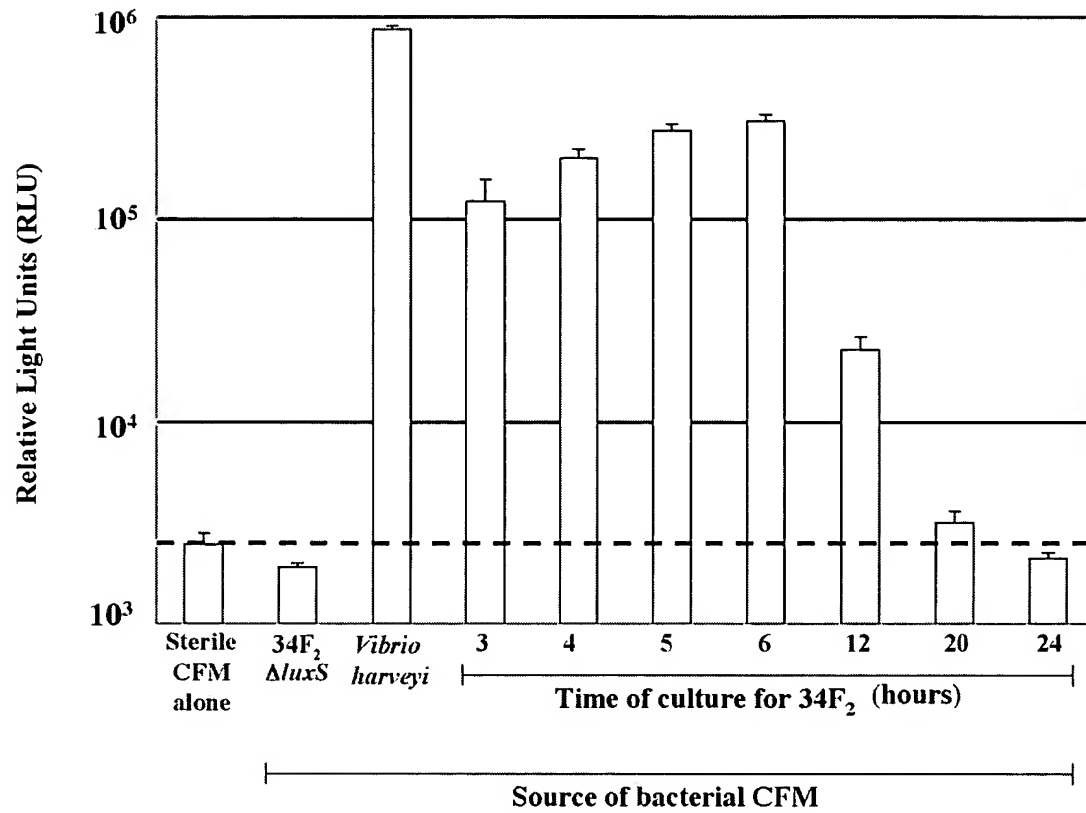


FIGURE 10

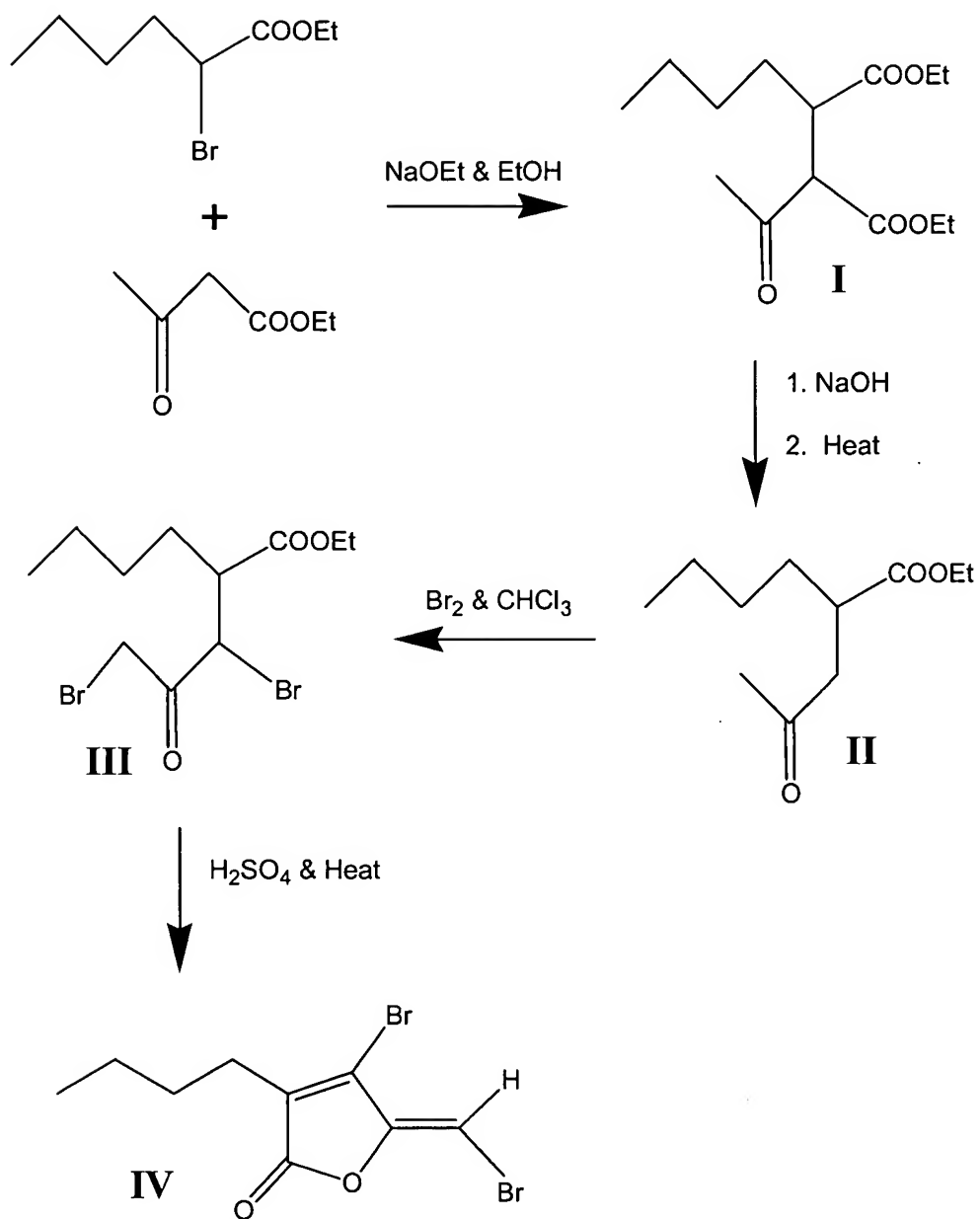


FIGURE 11

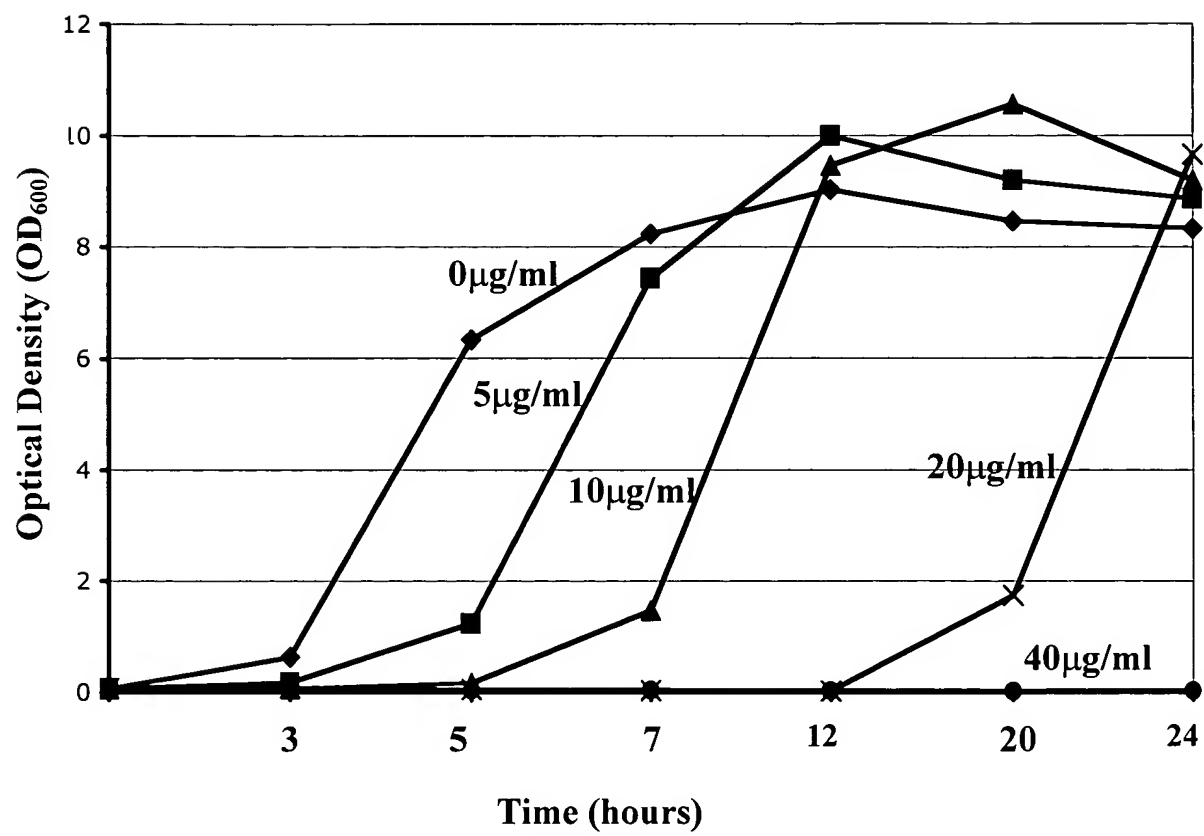


FIGURE 12

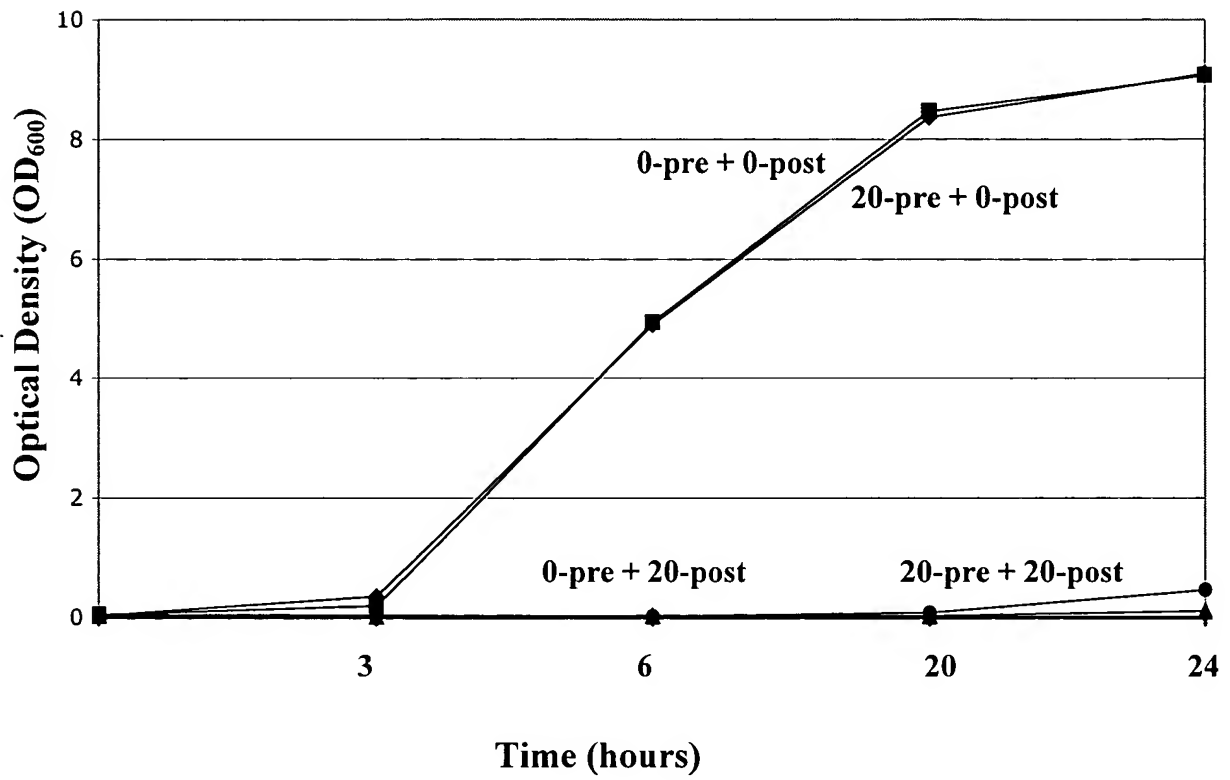


FIGURE 13

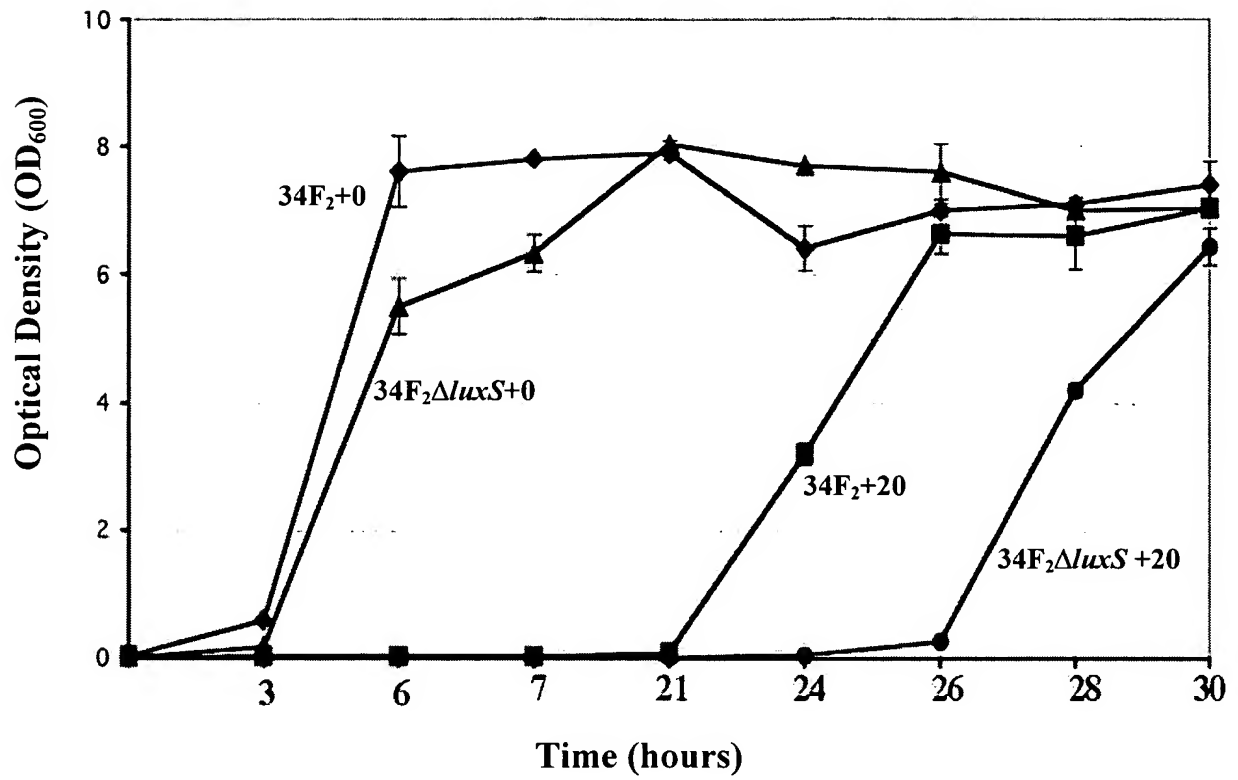


FIGURE 14


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1      ATGCCTTCAG TAGAAAGTTT TGAGCTTGAT CATAATGCGG TTGTTGCTCC
51     ATATGTAAGA CATTGCGGCG TGCATAAAGT GGGAACAGAC GGC GTTGTAA
101    ATAAATTTGA CATTCGTTTT TGCCAGCCAA ATAAACAGGC GATGAAGCCT
151    GACACCATTC ACACACTCGA GCATTTGCTC GCGTTTACGA TTCGTTCTCA
201    CGCTGAGAAA TACGATCATT TTGATATCAT TGATATTTCT CCAATGGGCT
251    GCCAGACAGG CTATTATCTA GTTGTGAGCG GAGAGCCGAC ATCAGCGGAA
301    ATCGTTGATC TGCTTGAAGA CACAATGAAG GAAGCGGTAG AGATTACAGA
351    AATACCTGCT GCGAATGAAA AGCAGTGCGG CCAAGCGAAG CTTCATGATC
401    TGGAAGGCGC TAAACGTTTA ATGCGTTTCT GGCTTTCACA GGATAAAGAA
451    GAATTGCTAA AAGTATTTGG C
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FIGURE 15

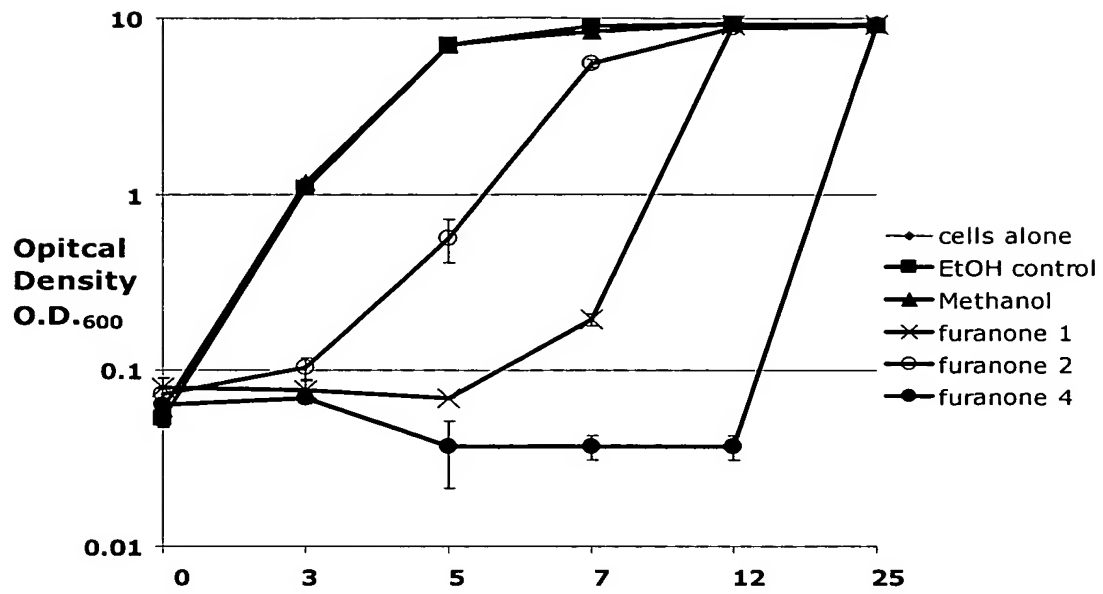


FIGURE 16

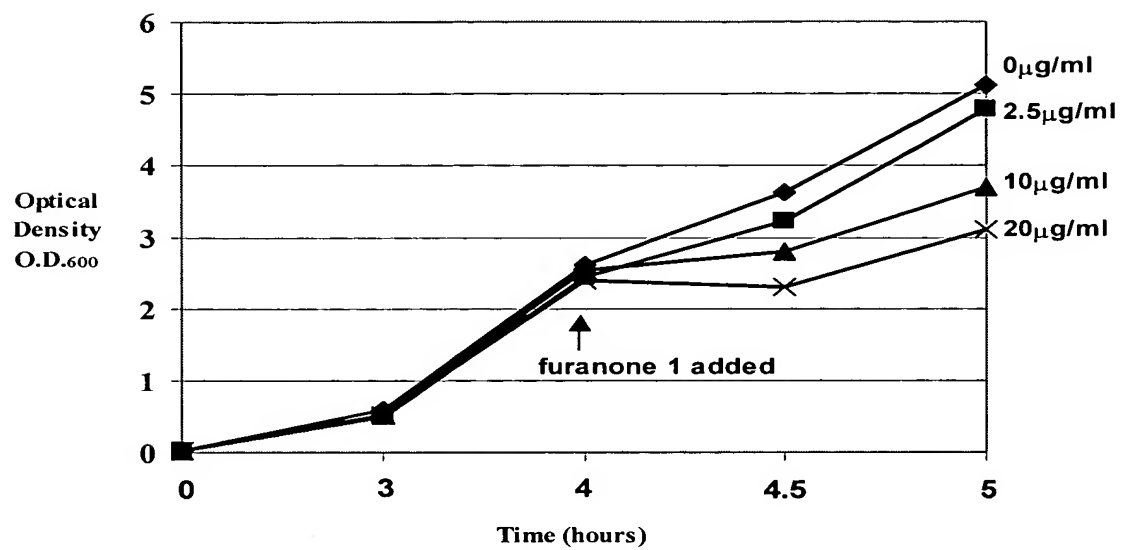


FIGURE 17

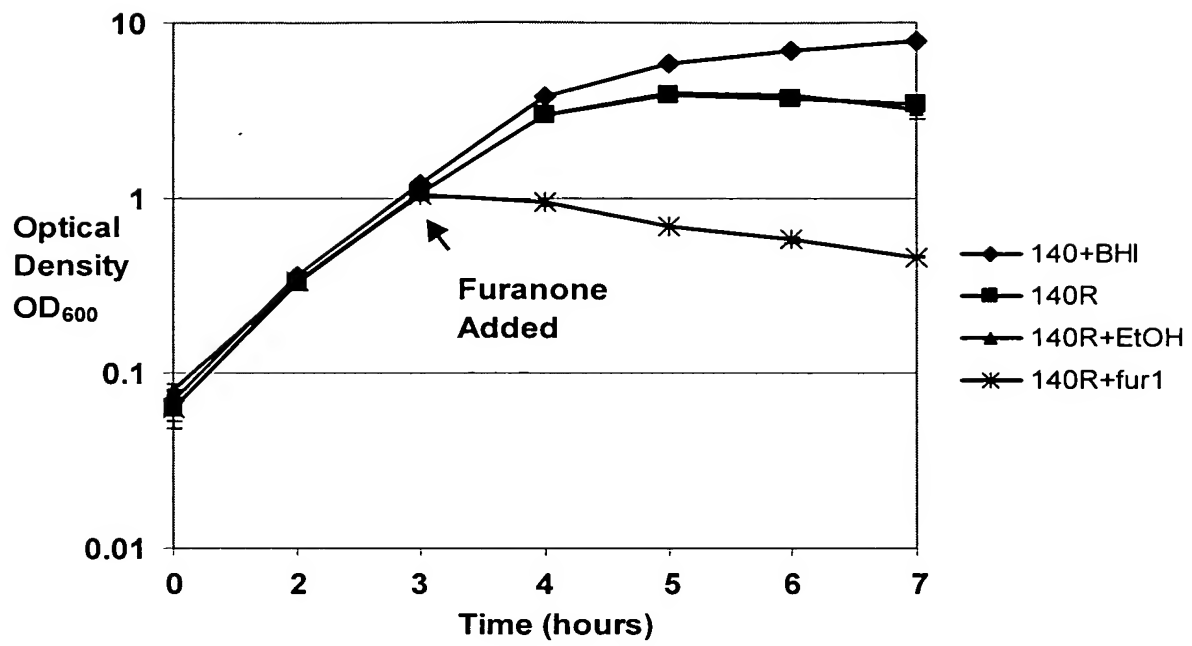


FIGURE 18A

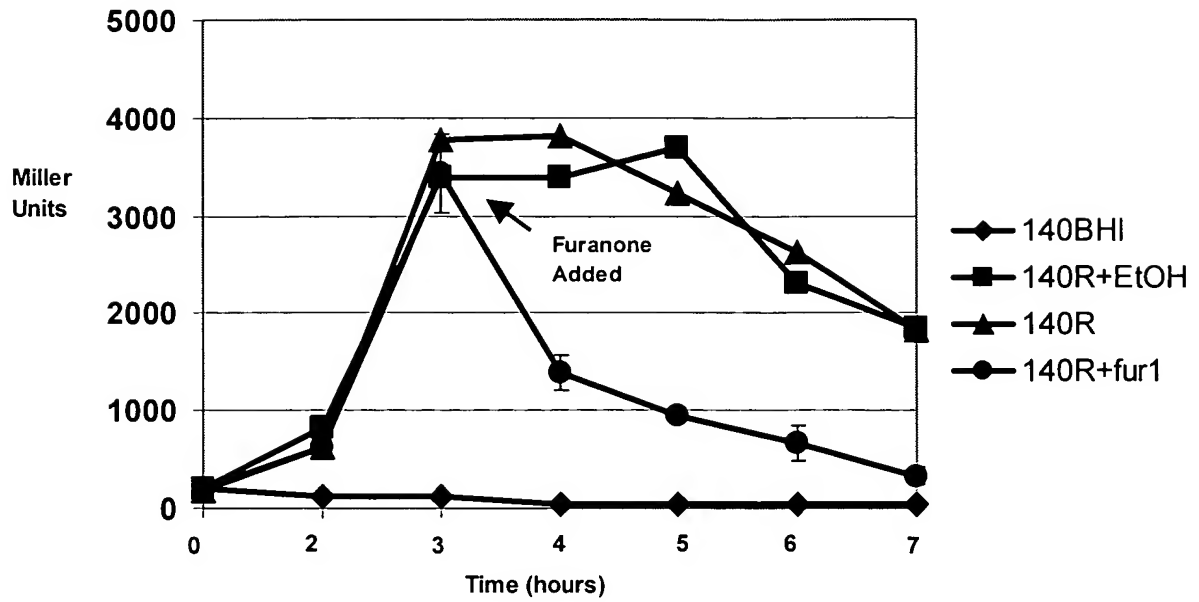


FIGURE 18B

		15 minutes post-exposure			30 minutes post-exposure		
		10µg/ml	20µg/ml	2.5µg/ml	10µg/ml	20µg/ml	2.5µg/ml
Genes down-regulated							
<u>Locus</u>	<u>Common Name</u>						
BA5583	CTP synthase	-2.57	-1.62	-2.7	-4.8	-3.2	
BA0885	S-layer protein Sap	-1.99	-1.64	-3.4	-5.1	-3.8	
BA1295	immune inhibitor A metalloprotease	-2.37	-1.84	-5.7	-3.3	-3.3	
BA1449	peptidase, M23/M37 family	-5.03	-2.92	-2.4	-3.4	-2.4	
BA2918	hypothetical protein	-4.20	-2.95	-2.7	-4.5	-3.0	
	cell division ABC transporter, permease protein						
BA5415	FtsX	-4.60	-3.09	-2.6	-3.1	-2.8	
BA0796	conserved hypothetical protein	-5.58	-3.49	-2.4	-3.6	-3.0	
Genes up-regulated							
BA1639	germination protein gerN	3.64	5.41	2	2.1	2.6	
BA2239	conserved hypothetical protein	6.07	6.08	4.8	4.5	4.4	
BA1232	enoyl-(acyl-carrier-protein) reductase	3.43	2.90	5.6	4.5	4.8	

FIGURE 19